

Abstract of the Disclosure

An apparatus emits radiation on curable adhesives to bond objects or surfaces together under a variety of ambient conditions. An insulating housing has a cylindrical section and a disc-shaped section defining an interior. A plurality of batteries and an LED array are separated in the interior by an insulating spacer to prevent shorting of the batteries. A switch relay in the interior connects power from the batteries to the LED array when a switching mechanism mounted on the outside of the housing is displaced. This displacement closes the switch relay and connects power to the LED array that emits high-intensity radiation. A cover connected to the cylindrical-shaped section seals the interior from ambient and transmits the high-intensity radiation to cure an adhesive.

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